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FULL ESTIMATED COST 0.22 0.22

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=> s (substrate or carrier or diluent) (P) ((inorganic(W)oxide) or alumina or zeolite or clay or (activated(W)carbon) or ZnO or (zinc(W)oxide) or (calcium(W)phosphate) or silica or titania or silicates or (molecular(W)sieve) or kaolin or bentonite or hectorite or montmorillonite)
L1 85661 (SUBSTRATE OR CARRIER OR DILUENT) (P) ((INORGANIC(W) OXIDE) OR ALUMINA OR ZEOLITE OR CLAY OR (ACTIVATED(W) CARBON) OR ZNO OR (ZINC(W) OXIDE) OR (CALCIUM(W) PHOSPHATE) OR SILICA OR TITANIA OR SILICATES OR (MOLECULAR(W) SIEVE) OR KAOLIN OR BENTONITE OR HECTORITE OR MONTMORILLONITE)

=> s L1 (P) (CTEP or (cholesteryl(W)ester(W)transfer(W)protein(W)inhibitor))
L2 1 L1 (P) (CTEP OR (CHOLESTERYL(W) ESTER(W) TRANSFER(W) PROTEIN(W) INHIBITOR))

=> d L2 TI AB IBIB

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
TI Particulate corrosion resistant coating composition for turbine parts
AB A compn. comprising a glass-forming binder component and a particulate corrosion resistant component. The particulate corrosion resistant component has a CTEp of at least .apprx.4 and being solid at 1300 F (704.degree.) or greater; and a max. median particle size defined by one of the following formulas: (a) for a CTEp of .ltoreq.8, an Mp equal to or less than .ltoreq.(4.375.times.CTEp)-10; and (b) for a CTEp of .gtoreq.8, an Mp equal to or less than (-4.375.times.CTEp)+60, wherein CTEp is the av. CTE of the corrosion resistant particulates and Mp is the median equiv. spherical diam. (ESD), in microns, of the corrosion resistant particulates. Also, disclosed is a turbine component comprising a metal substrate and a corrosion resistant coating overlaying the metal substrate , as well as a method for forming at least one layer of the corrosion resistant coating adjacent to the metal substrate. The corrosion resistant coating has a max. thickness defined by one of the following formulas: (3) for a CTEp of .ltoreq.8, an Tc equal to or less than (1.5.times.CTEp)-3.5; and (4) for a CTEp of .gtoreq.8, an Tc equal to or less than (-1.5.times.CTEp)+20.5, wherein Tc is the thickness, in mils, of the corrosion resistant coating. The corrosion resistant particulates comprise alumina, chromia, magnesia, hafnia, or a yttria-stabilized zirconia or hafnia. The ceramic is a metal oxide, carbide, nitride, or combination thereof. The phosphate-contg. binder component comprises one or more of an aluminum

phosphate, a magnesium phosphate, or a chromium phosphate.

ACCESSION NUMBER: 2007:672783 CAPLUS
DOCUMENT NUMBER: 147:99555
TITLE: Particulate corrosion resistant coating composition for turbine parts
INVENTOR(S): Hazel, Brian Thomas; Weimer, Michael James
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14pp.
CODEN: USXXCO
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EP 1801083	A1	20070627	EP 2006-126604	20061220
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			US 2005-311137	A 20051220

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FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 09:31:05 ON 24 JUL 2009
L1 85661 S (SUBSTRATE OR CARRIER OR DILUENT) (P) ((INORGANIC(W)OXIDE) OR
L2 1 S L1 (P) (CTEP OR (CHOLESTERYL(W)ESTER(W)TRANSFER(W)PROTEIN(W)I

=> d que L1
L1 85661 SEA (SUBSTRATE OR CARRIER OR DILUENT) (P) ((INORGANIC(W) OXIDE) OR ALUMINA OR ZEOLITE OR CLAY OR (ACTIVATED(W) CARBON) OR ZNO OR (ZINC(W) OXIDE) OR (CALCIUM(W) PHOSPHATE) OR SILICA OR TITANIA OR SILICATES OR (MOLECULAR(W) SIEVE) OR KAOLIN OR BENTONITE OR HECTORITE OR MONTMORILLONITE)

=> d que L2
L1 85661 SEA (SUBSTRATE OR CARRIER OR DILUENT) (P) ((INORGANIC(W) OXIDE) OR ALUMINA OR ZEOLITE OR CLAY OR (ACTIVATED(W) CARBON) OR ZNO OR (ZINC(W) OXIDE) OR (CALCIUM(W) PHOSPHATE) OR SILICA OR TITANIA OR SILICATES OR (MOLECULAR(W) SIEVE) OR KAOLIN OR BENTONITE OR HECTORITE OR MONTMORILLONITE)
L2 1 SEA L1 (P) (CTEP OR (CHOLESTERYL(W) ESTER(W) TRANSFER(W) PROTEIN(W) INHIBITOR))